Forensic Sciences International, 37 (1988) 301–302
Elsevier Scientific Publishers Ireland Ltd.

CONTENTS
Volume 37 (1988)

CASE REPORT

Distribution of lidocaine and disopyramide in human blood and tissue, a case report of death caused by spinal anesthesia 1–10
K. Sakata, S. Ishigaki and M. Sakata (Tobetsu, Japan)

TECHNIQUES AND METHODS

An enzyme-linked immunosorbent assay for plasma-paraquat levels of poisoned patients 11–18
M. Tomita, K. Suzuki, K. Shimosato, A. Kohama and I. Ijiri (Kawasaki and Kagawa, Japan)

Potentiation of lethality and increase in body temperature by combined use of *d*-methamphetamine and morphine in mice 19–26
M. Funahashi, H. Kohda, I. Shikata and H. Kimura (Nakanoshima and Kurume, Japan)

Forensic application of blood stains and polymorphism of the sixth component of human complement (C6) 27–32
K. Kishi, K. Sawazaki and T. Yasuda (Matsuoka-cho, Japan)

Vitamin D binding protein (Gc) subtypes by isoelectric focusing and immunoblotting 33–36
I.M. Sebetana nd K. Sagisaka (Sendai, Japan)

The use of absorbance ratios in high-performance liquid chromatography for the identification of drugs of abuse 37–46
D.J. Reuland and W.A. Trinler (Terre Haute, IN)

Analysis of volatile compounds in heroin samples 47–53
M. Chiarotti and N. Fucci (Rome, Italy)

An HPLC method of using absorbance rationing for the identification of diamorphine in illicit heroin samples 55–66
P.C. White, A. Etherington and T. Catterick (London, U.K.)

INFORM 67–78

Announcement 79–80

CASE REPORT

Study of fatal burns cases in Kanpur (India) 81–89
by R.K. Gupta and A.K. Srivastava (Kanpur, India)

TECHNIQUES AND METHODS

Electronic data processing latex immunoassay for the identification of human seminal stains 91–97
by Y. Itoh and S. Matsuzawa (Tokyo, Japan)

Long-term storage of blood samples as whole blood at extremely low temperatures for methemoglobin determination 99–104
by K. Sato, K. Tamaki, H. Okajima and Y. Katsumata (Nagoya, Japan)

The ABH reactions of seminal stains 105–155
by A. Davies (London, U.K.)

Obituary and Publishers Note 157–159

CASE REPORTS

Determination of ethchlorovynol in body tissues and fluids after embalmment 161–166
by C.L. Winek, W.W. Wahba, L. Rozin and C.L. Winek, Jr. (Pittsburg, PA)

A case of Ebstein's anomaly with double mitral valve 167–175
by F. Chikasue, T. Kojima, M. Yashiki, T. Miyazaki and Y. Satow (Hiroshima, Japan)

TECHNIQUES AND METHODS
A data collection of vehicle topcoat colours. 2. The measurement of colour samples used in the vehicle refinishing industry 177–187
by J. Locke, J.M. Wilkinson and T.J. Hanford (Reasing, U.K.)
Postmortem interval estimation by biochemical determination in birds muscle 189–192
by F.G. Gallois-Montbrun, D.R. Barrès and M. Durigon (Garches, France)
Toxicological analysis of thiamylal in biological materials by gas chromatography/mass spectrometry 193–200
by K. Kudo, T. Nagata, K. Kimura, R. Uehori and M. Noda (Fukuoka, Japan)
Studies on glyoxalase 1 isoenzymes in semen stains: polymorphism in Himachal (India) population 201–204
by A. Sharma, V.K. Arora and V. Bhalla (New Delhi and Chandigarh, India)
Duplicate breath testing: some statistical analyses 205–213
by R.G. Gullberg (Seattle, WA)
Rapid quantitative analysis of paraquat by electron spin resonance spectroscopy 215–222
by K. Minakata, O. Suzuki and M. Asano (Hamamatsu, Japan)

CLINICAL FORENSIC MEDICINE
Direction, site and the muzzle target distance of bullet in the head and neck at close range as an indication of suicide or homicide 223–229
by T. Suwanjutha (Bangkok, Thailand)

Announcements 231

CASE REPORT
Fatal intoxication by dextromethorphan: A report on two cases 233–236
by L. Rammer, P. Holmgren and H. Sandler (Linköping and Uppsala, Sweden)

TECHNIQUES AND METHODS
Analysis of human vaginal secretions by SDS-polyacrylamide gel electrophoresis 237–242
by Y. Itoh and M. Manaka (Tokyo, Japan)
Isolation of alkaloids and glycosides from tissue following enzymatic digestion 243–248
by V. Shankar, C. Damodaran and P. Sekharan (Madras, India)
The mechanism of experimental adipocere formation: Hydration and dehydrogenation in microbial synthesis of hydroxy and oxo fatty acids 249–257
by H. Gotouda, T. Takatori, K. Terazawa, M. Nagao and H. Tarao (Sapporo, Japan)
A simple method for postmortem detection of acute myocardial infarction 259–263
by M. Varga and L. Zsonda (Debrecen and Hyiregyhaza, Hungary)
Validity testing of the TDX® cocaine metabolite assay with human specimens obtained after intravenous cocaine administration 265–275
by E.J. Cone, S.L. Menchen and J. Mitchell (Baltimore, MD and Norfolk, VA)

ORIGINAL ARTICLES
Relationship between the concentration of ethanol and methanol in blood samples from Swedish drinking drivers 277–285
by A.W. Jones and H. Löwinger (Linköping, Sweden)

INFORM 287–293

SUBJECT INDEX VOLUME 37 295–298

AUTHOR INDEX VOLUME 37 299

CONTENTS VOLUME 37 301–302